Figure 1

Trading Partners of the Consumer Goods Industry

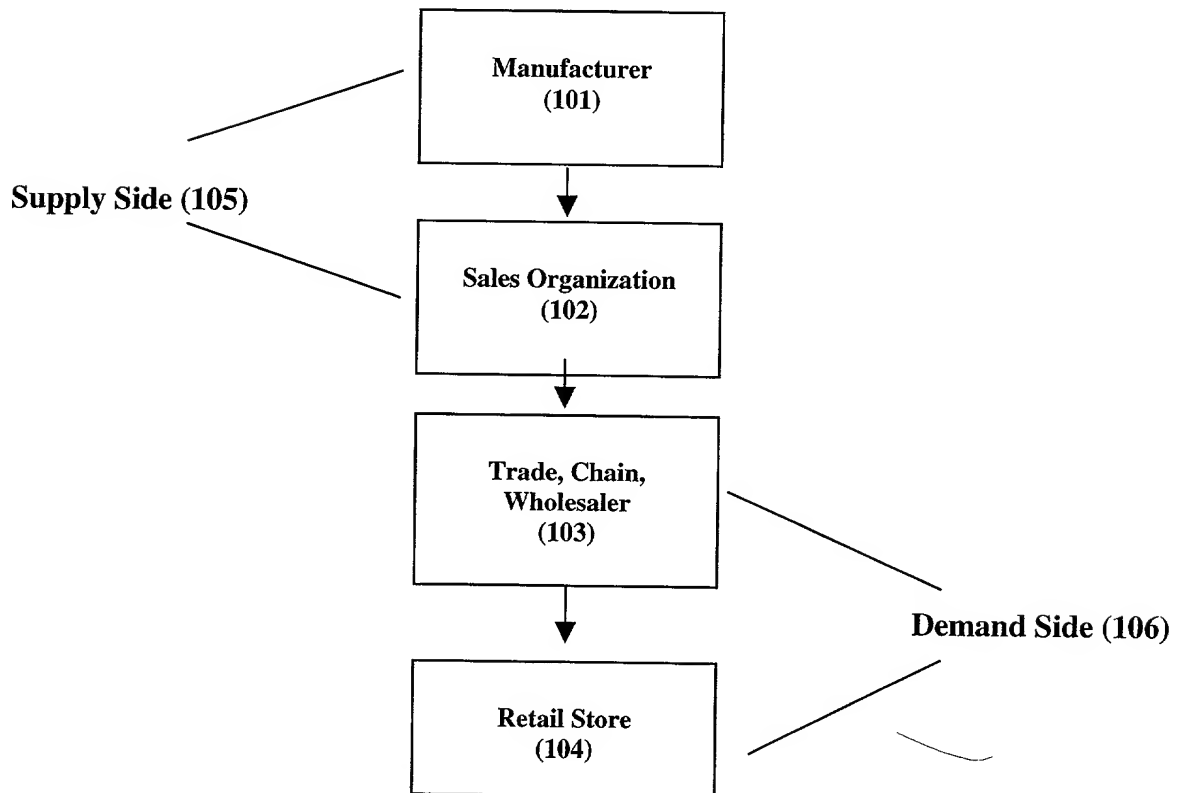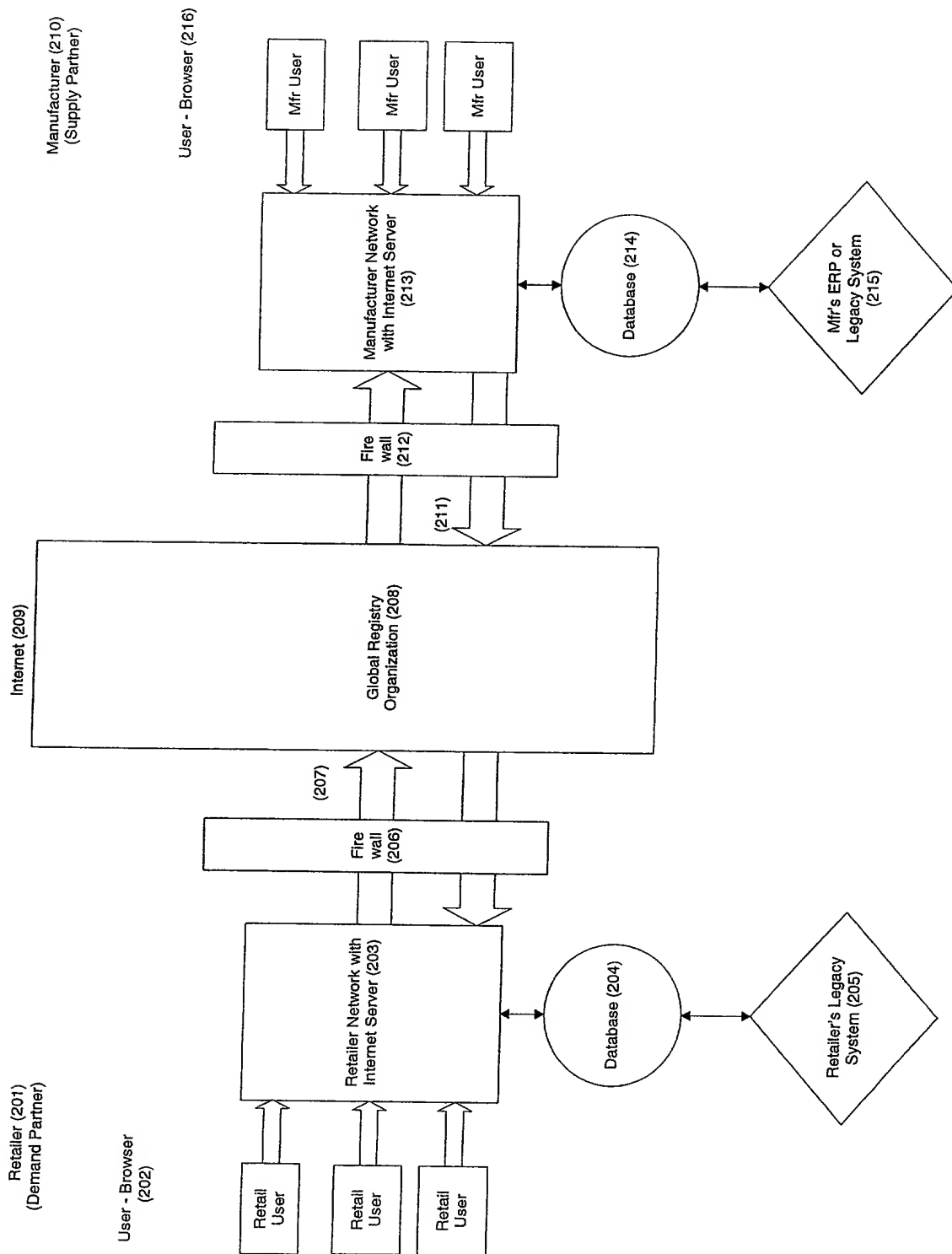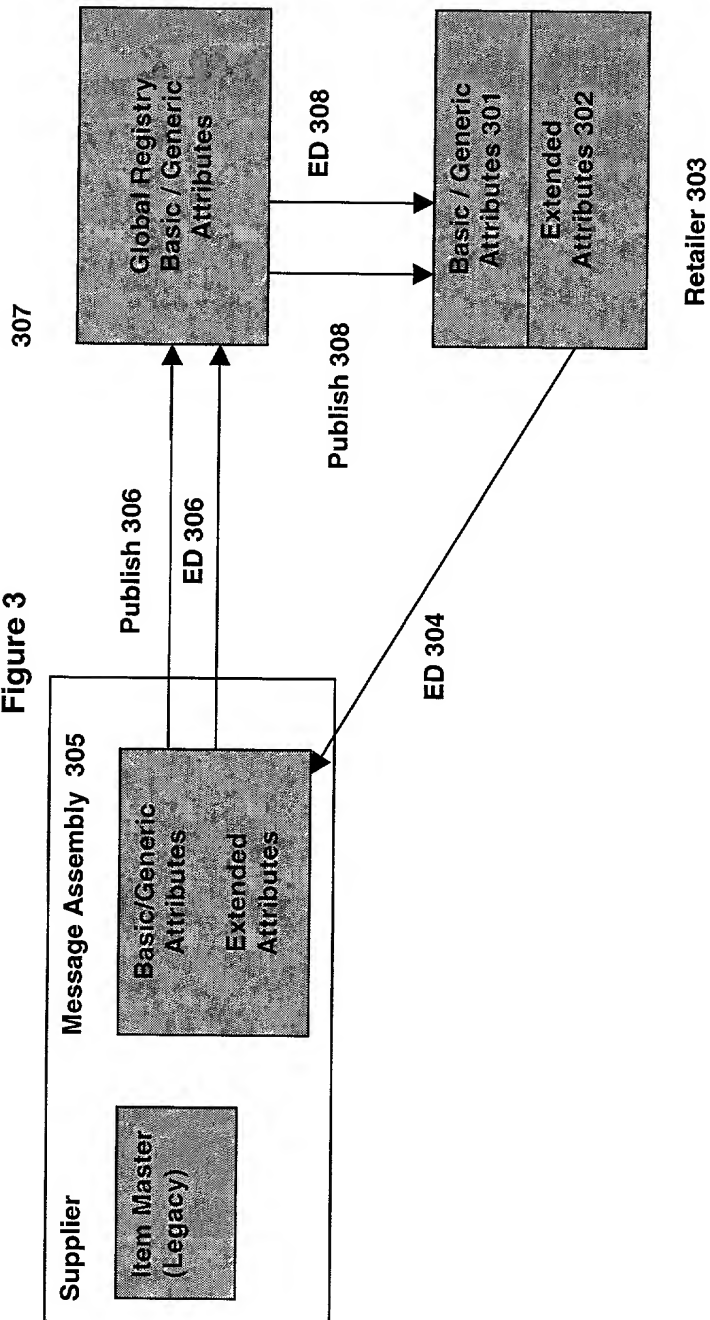**Manufacturer
(101)**

Supply Side (105)

**Sales Organization
(102)**

**Trade, Chain,
Wholesaler
(103)**

Demand Side (106)

**Retail Store
(104)**

FIGURE 2

Retailer (201)
(Demand Partner)

User - Browser (202)

Manufacturer (210)
(Supply Partner)

User - Browser (216)

Internet (209)

Retail User

Retail User

Retail User

Retailer Network with Internet Server (203)

Fire wall (206)

(207)

Global Registry Organization (208)

(211)

Fire wall (212)

Manufacturer Network with Internet Server (213)

Mfr User

Mfr User

Mfr User

Database (204)

Retailer's Legacy System (205)

Database (214)

Mfr's ERP or Legacy System (215)

Extended Dataflow

Figure 3

Supplier

Message Assembly 305

Item Master (Legacy)

Basic/Generic Attributes

Extended Attributes

Publish 306

ED 306

ED 304

307

Global Registry Basic / Generic Attributes

ED 308

Publish 308

Basic / Generic Attributes 301

Extended Attributes 302

Retailer 303

Figure 4A

402 **404** **405**

Extenddefinitionid	Name (401)	Datatypeid	Description (403)	Length	Entitytypeid	Req	Tpid
4	Max Temp	2	maximum temperature	0	5	Y	
2	Boiling Point	2	boiling point of liquid	0	1	Y	
1	Tare Weight	2	Tare weight	0	1	Y	
3	Stackable Height	2	Stackable Height	0	1	Y	
7	Freezing Point	2	new and improved 2	0	1	N	
5	Freezer Temperature	2	Freezer Temperature	0	1	Y	
11	Flash Point	3	new and improved 2	0	1	Y	
21	Min Temp	3	for date	0	1	N	
25	Product Freezing Point	2	Product Freezing Point for product Category	0	4	Y	1
26	Product Boiling Point	2	Product Boiling Point for product category	0	4	Y	1
27	Alcohol Content	2	The Alcohol Content in Percent	0	1	N	1
28	Max Alcohol Content	2		0	1	N	1
31	Net Color	1	the net color of an item reqd	50	1	N	1
29	$ per ounce	2	cents per ounce	0	1	N	1
30	Max Alcohol Content	1	Max Alcohol Content	100	4	Y	1
32	Min Alcohol Content	2	The minimum amount of Alcohol	0	1	N	1
33	Iron Content	1	How much iron in the product	25	1	Y	1
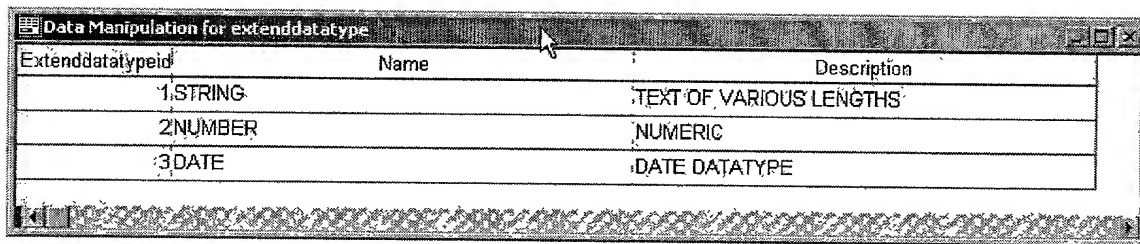
Data Manipulation for extenddefinition

Figure 4B

Extenddatatypeid	Name	Description
1 STRING		TEXT OF VARIOUS LENGTHS
2 NUMBER		NUMERIC
3 DATE		DATE DATATYPE

Data Manipulation for extenddatatype

Figure 4C

Extendentitytypeid	Name
1	ITEM
2	PROMO
3	PRICE

Data Manipulation for extendentitytype

Figure 4D

EXTENDVALUESID	DEFINITIONID	VALUE	ENTITYID
39	2	100C	296
40	2	23 23 65	671
41	4	5	689
1	1	36 lbs	561
2	5	-15 F	561
42	4	986566	690
43	2	6	690
44	1	65	690
45	3	56	690
46	7	5	690
37	4	extra	531
47	5	56	690
48	11	56	690

406   407   408

409

FIGURE 5A

501

502

Name	Data Type	Length	Description	Required
Alcohol Content	STRING	12	Alcohol Content	Y
Boiling Point	NUMBER	0	Boiling Point of Liquid	Y
Max Temp	NUMBER	0	Maximum Temperature	Y

Vista Retail

ABC Foods

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Extended Data Maintenance - Add, Update

Add New

Change sort entity type: ITEM

FIGURE 5B

FIGURE 6A

601

		Vista Retail						ABC Foods	

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Vista SA - Publicati Create New Publication
View Publications
View My Kiosk Items

Add New

ID	Type	Trading Partner	Date Created	Date Published	Status	Delete
424	New Item Publication	Vista SA	10/15/2001 3:13:22 PM	Not Published	Pending Submittal	✕
427	New Item Publication	Vista SA	10/17/2001 2:46:29 PM	Not Published	Pending Submittal	✕

602

603

FIGURE 6B

605
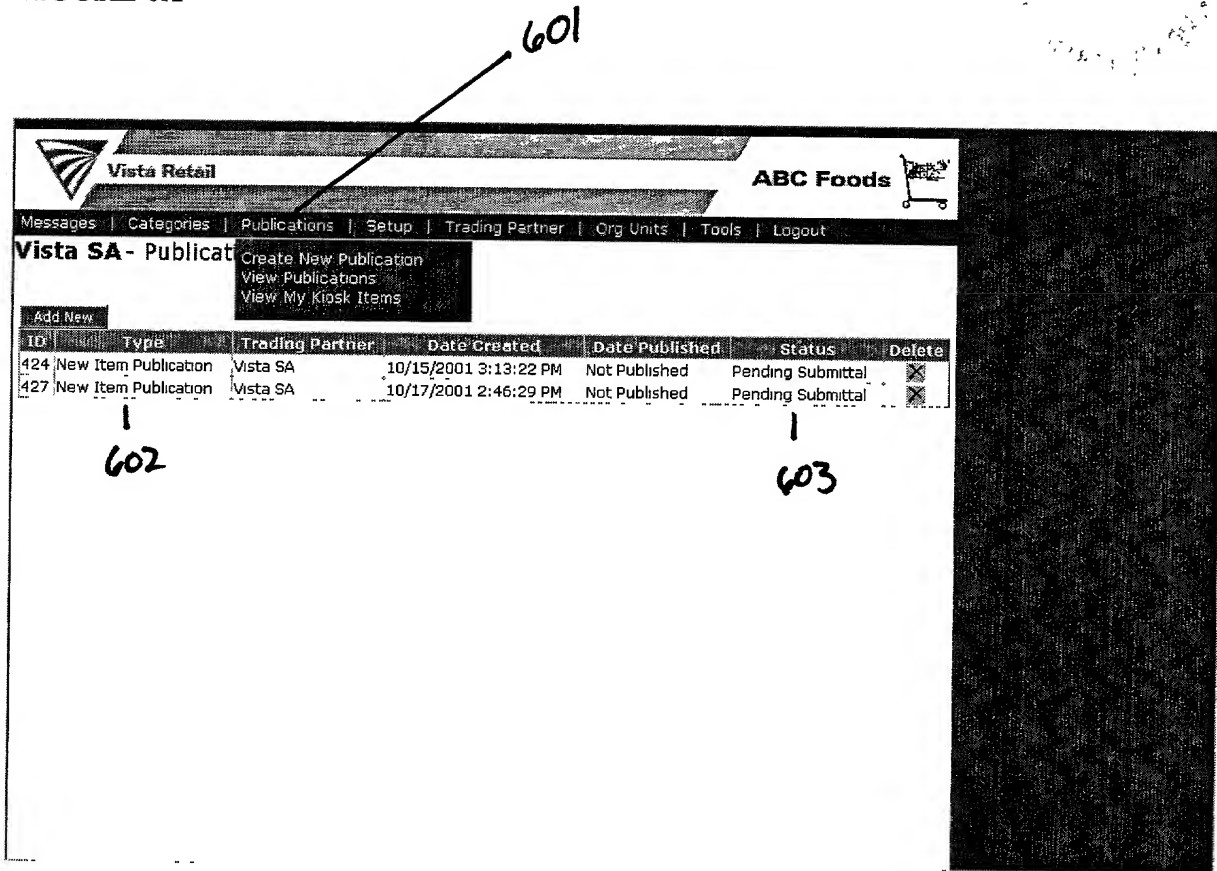
Vista Retail	**ABC Foods**

Messages | Categories | Publications | Setup | Trading Partner | Org Units | Tools | Logout

Vista SA - Publication 430

To create new items,
Select Product Category...
Categories: CHILLED/REFRIGERAT

604

Item Attributes

Publication | **Basic** | Extended

GTIN:	56123456789101	Category:	
Name:	Vista Berry Juice	Ref. ID:	
UPC:	555123456789	UPC Type:	--

606

Dates

First Order:	10/1/2001	Last Order:	11/1/2001	
First Ship:	10/4/2001	Last Ship:	11/6/2001	
First Arrival:	10/6/2001	Last Arrival:	11/9/2001	

607

Ordering

Increment:	4	Orderable:	Yes No
Min. Ship:	25	Max. Ship:	100
Min. Order:	25	Max. Order:	100

608

Dimensions — **Unit of Measure**

Height:	10	cm	Prod. Type:	--	
Length:	25		Pack:	6	
Width:	5		Inner Pack:		
Volume:	60	cc	Pallet Hi:	4	
Net Weight:	12	oz	Pallet Ti:	1	
Gross Wt:	1		Size/UOM:	4	CA

609

All Basic form fields are required.

Cancel | Save

FIGURE 6C